



Web Images Video News Maps more »

preform plastic temperature "finite element" 1970 - 2003

Search

Ad
Sc
Sc

Scholar All articles - Recent articles Results 1 - 10 of about 599 for preform plastic temperature "f

All Results

S Kobayashi

S Oh

T Altan

Y Prasad

J Malas

[book] Metal Forming and the Finite-Element Method - all 3 versions »

S Kobayashi, Si Oh, T Altan - 1989 - books.google.com

... Preform Design in Metal Forming, 298 ... Design, 298 15.3 Shell Nosing at Room Temperature,

301 15.4 ... Form, 326 16.5 Comparison with Rigid-Plastic (Flow) Solutions ...

Cited by 635 - Related Articles - Web Search - Library Search

... chemical vapor infiltration process in fabrication of carbon-carbon composites by finite element ... - all 2 versions »

Li Kezhi, Li Hejun, J Kaiyu, HOU Xianghui - 中国科学 E, 2000 - 万方数据资源系统

... increase in infiltration temperature, especially at high temperature. ... In a microwaves-heated preform, J. Am ... Element Method of Elastic and Plastic Mechanics (...

Cited by 14 - Related Articles - Web Search

Plastic deformation analysis of metals during equal channel angular pressing - all 3 versions »

HS Kim, MH Seo, Si Hong - Journal of Materials Processing Tech., 2001 - Elsevier

... conditions such as die design, speed, temperature, friction and preform design. In this study, the rigid-plastic two-dimensional finite element method using ...

Cited by 34 - Related Articles - Web Search

Finite element simulation of metal powder forming - all 2 versions »

JL Chenot, F Bay, J Fourment - International Journal for Numerical Methods in Engineering, 1990 - doi.wiley.com

... There are relatively few finite element models for the prediction of ... (iii) if the temperature field must ... parameter, Q is the dissipated heat by plastic (7), or ...

Cited by 26 - Related Articles - Web Search

A COMPUTATIONAL MODEL FOR THE FINITE ELEMENT ANALYSIS OF THERMOPLASTICITY COUPLED WITH DUCTILE ... - all 6 versions »

A SRIKANTH, N ZABARAS - Int. J. Numer. Meth. Engng, 1999 - doi.wiley.com

... A COMPUTATIONAL MODEL FOR THE FINITE ELEMENT ANALYSIS OF THERMOPLASTICITY COUPLED

WITH ... allows us to account for the effects of temperature on plastic slip as ...

Cited by 22 - Related Articles - Web Search

... and semi-solid extrusion for composite tubes by quasi-coupling thermal-mechanical finite element ... - all 5 versions »

LH Qi, ZK Shi, HJ Li, PL Cui, HM Han - Journal of Materials Science, 2003 - Springer

... temperature of the fiber preform and other ... the transpositional rule of the temperature fields for ... metal by adopting the rigid-plastic finite element method (FEM) ...

Cited by 3 - Related Articles - Web Search

Finite-element modelling of metal flow in three-dimensional forming. - all 3 versions »

I Pillinger, P Hartley, CEN Sturgess, GW Rowe - International Journal for Numerical Methods in Engineering, 1988 - doi.wiley.com
... industrial forging Operation. The preform shape and ... The three-dimensional elastic-plastic finite-element method has ... the strain rate and temperature, and the ...
Cited by 12 - Related Articles - Web Search

Finite element simulation for dynamic large elastoplastic deformation in metal powder forming - all 6 versions »
AR Khoei, RW Lewis - Finite Elements in Analysis & Design, 1996 - Elsevier
... Von-Mises yield criterion for forging metal powder preform. ... yield surface on the degree of plastic straining. ... by external actions such as temperature changes ...
Cited by 36 - Related Articles - Web Search

On the development of a general purpose finite element program for analysis of forming processes. - all 3 versions »
JC Nagtegaal, N Rebelo - International Journal for Numerical Methods in Engineering, 1988 - doi.wiley.com
... sliding velocities at the interface, temperature and flow ... 6 shows the dies open and the preform. ... workhardening, rate-sensitive, elastic-plastic material was ...
Cited by 19 - Related Articles - Web Search

An elastic-plastic finite element method for the analysis of powder metal forging - all 4 versions »
PS Satsangi, PC Sharma, R Prakash - Journal of Materials Processing Tech., 2003 - Elsevier
... results in a decrease in preform volume ... incremental and piecewise linear elastic-plastic method of ... of deformation assuming inertia and temperature effects ...
Cited by 6 - Related Articles - Web Search

Google

Result Page: 1 2 3 4 5 6 7 8 9 10 Next

preform plastic temperature "finite el Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)